

Club Repeaters

VE3TBR
out: 146.82 MHz.
in: 146.22 MHz.

VE3YQT
out: 147.06 MHz.
in: 146.46 MHz.



Next Meeting:

7:30 p.m.
Thursday Nov. 11, 1993.
Listen on
VE3YQT
for location.

LARC is a member of Radio Amateurs of Canada (RAC).

Artist Identified!

Last December we ran an article asking for help in locating the artist responsible for the artwork we are now using on jackets and the HiQ banner. One of the first persons to stop at the September 10th mall display was the artist himself.

Mr Steve Bachanek, Manager, of the Thunder Bay Central Ambulance Communications Centre, a branch of the Ontario Ministry of Health, expressed surprise upon seeing his design on pamphlets we were handing out to visitors at the display. You can imagine my surprise at meeting the artist in the middle of Inter-city Mall.

I thanked Steve for the art work and told of the many compliments we received since we started using his work. He was pleased it was being put to good use.

VE3SI formerly VE3ILX now VE8GF

Last September we reported Gabe Fritzen, VE3SI had moved up north. Nestor tells us now, that Gabe is well and on the air as VE8GF from his new QTH in Iqaluit. For those with an urge to send a card or letter, his mail address is: Box 346, Iqaluit, NT X0A 0H0.

Apparently, Gabe often gets into Russia on 20M so he may be

heard on 14.141 MHz. during one of the regular bi-weekly QSO's between Pat, VE3HFS and Serge, UA0SR on Sunday evenings at 02:00 UTC.

Ham Awarded Nobel Prize

*ARLX021 16 October 1993
from WIAW via KT7H*

Nobel Prize Winner Attributes Success to Ham Radio

The winner of the 1993 Nobel Prize for Physics, Princeton University's Dr. Joseph H. Taylor, K1JT, attributes his success in science to his early involvement in Amateur Radio, according to published news accounts.

Taylor, who shared this year's award with his former student and current Princeton colleague, Dr. Russell A. Hulse, told reporters that he developed his scientific skills as a ham while a student at Moorestown Friends Academy in New Jersey.

Taylor earned a bachelor's degree from Haverford College in 1963 and a doctorate in astronomy from Harvard University. The Nobel committee awarded this year's physics prize to Taylor and Hulse for their study of the gigantic gravitational forces exerted by pulsars. Their results are thought by scientists to confirm many of the predictions of Einstein's General Theory of Relativity.

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93/94 LARC Membership

Annual dues for 1993/1994 fell due on 29 September 1993. Anyone not current on 31 October 1993 have ceased to be members and our records now indicate that non member status. This issue of Hi-Q has not been distributed to former members, however membership will be re-instated if payment is received after this issue is printed. If you are aware of anyone wondering where their Hi-Q is, enquire as to whether or not he or she has renewed and advise accordingly. Space permitting, we may publish the membership next month.

Moving? Be sure your Hi-Q follows you! Send your change of address notice to:
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LARC

Founding President:
PJ (Pat) O'Shea VE3FW
1881-1972

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| Vice-President: | Steve Robb VE3KRH | 345-6992 |
| Secretary: | Norm Bell | 577-9316 |
| Treasurer: | Skip Wright VE3BBS | 767-2307 |
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| | Glen Wallace VE3ICY | 623-0135 |
| | Len Catillo VE3ILV | 473-9430 |
| | John Watson | 683-3199 |
| Past President: | Mark Vukovich VE3VUK | 345-5856 |

CLUB APPOINTMENTS**Emergency Coordinators**

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| E.C.: | Skip Wright VE3BBS | 767-2307 |
| Assistant E.C.: | Norm Bell VE3XRC | 577-9316 |
| Licence Sponsor: | John Visser VE3HTM | 767-8525 |
| Public Relations: | Bob Bishop VE3JAB | 767-5689 |
| Theory Instructor: | Ed Baumann VE3SNW | 622-1216 |
| Code Instructor: | Norm Bel VE3XRC | 577-9316 |
| HI-Q Editor: | Jim O'Brien VE3UA | 623-7893 |
| Assistant Editor: | Bill Boland VE3BQR | 622-8732 |
| Volunteer Examiners: | Ed Baumann VE3SNW | 622-1216 |
| | Dave Kimpton VE3AVS | 344-8949 |
| | Bob Mitchell VE3IDJ | 983-3000 |

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| Terry Stewardson VE3TKA | 577-9439 |
| Garry Michaluk VE3GWT | 475-7101 |
| Pat Phugh VE3PHU | 345-8562 |

Awards Manager:

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| Norm Bell VE3XRC | 577-9316 |
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Technical - Hardware:

| | |
|------------------------|----------|
| Laurie Bridgett VE3BCD | 622-1628 |
| Glen Anderson VE3JAU | 475-3516 |
| Lindo Scalese VE3NHX | 767-4377 |
| Glen Wallace VE3ICY | 623-0135 |
| Bill Unger VE3EFC | 683-3141 |

Technical - Software:

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| Len Catillo VE3ILV | 473-9430 |
| Steve Robb VE3KRH | 345-6992 |
| Terry Stewardson VE3TKA | 577-9439 |
| Bob Bishop VE3JAB | 767-5689 |
| Mike Nawrocki VE3ZG | 767-1714 |
| Bill Unger VE3EFC | 683-3141 |
| Laurie Bridgett VE3BCD | 622-1628 |
| Lindo Scalese VE3NHX | 767-4377 |

EMC Committee:

| | |
|------------------------|----------|
| Bob Bishop VE3JAB | 767-5689 |
| Mike Nawrocki VE3ZG | 767-1714 |
| Bill Unger VE3EFC | 683-3141 |
| Laurie Bridgett VE3BCD | 622-1628 |
| Lindo Scalese VE3NHX | 767-4377 |

Class Report

Classes have been on for about a month now and things appear to be going well. We have covered a great deal of material in a short amount of time, starting with why electrons flow to resistance, capacitance, and inductors and last week we took the plunge from DC to AC and covered reactance, resonance and inductance. We also talked about power supplies. Phew!

Now that we have some basic concepts under our belts we can move on to some more of the fun stuff (and a little less math). On October 19, Mike VE3ZG will be going over propagation, and some regulations if he has time. In the following classes I hope to get on to some more practical aspects of amateur radio and build some antennas and do some more demonstrations.

Thanks again to UKE, OPF, ZG for their assistance in teaching, and thanks to the operators who show up to lend moral support and pick up a little theory. We also owe BBS a round of applause for handling the registrations and books. If you would like to join this august group, give me a call. We would especially appreciate anyone with a demonstration or wanting to show off their rig (consumer education). You do not need to fill the whole class time. Even short lectures and demos are appreciated.

Norm VE3XRC reports that the code classes at his home on Wednesday nights are off to a good start. No doubt some new calls will be heard on the HF bands in the near future due to Norm's efforts.

Speaking of code, rumour has it that some code practice will be coming over repeater VE3WJN (146.94) in the future. No doubt some of you have noticed that the N.W.O. ARES net is simulcast over this repeater at 2015 EDST daily for the benefit of those who don't have HF gear. Tune in and give it a listen for a taste of HF on your handheld or scanner. Audio quality should improve as band conditions get better towards winter, and as the receiving antennas are upgraded. Quiz: If anybody can tell me who the owner/sponsor of this repeater is, I'll let them buy me coffee. Hint: he weighs almost as much as me.

My only complaint is poor attendance for refreshments at Boston, Arthur St., after classes, where, as everyone knows, we talk about the really important ham stuff.

See you in school!

Ed VE3SNW

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We Welcome

Classes in September started on the 21st with a large turn out. Let's welcome the following new students:

William Bell, Len Bougie, Lexanne Halliday, Vern Hicks, Thomas Holowka, Dave Horne, Joan Klemaki, Thomas Kuszner, Ian Mellis, Steven Mohammed, Alan Parnell, Alan Perales, Gonzalo Perales, Doug Ross, Sheila Rupperecht, Blake Russell, John Sacek, Terry Saunders, Doug Shafranski, Daniel Simko, Jon Stephens, Rod Vaillant, Stan Wilkins; and Patrick Wilson.

RAC Board & Executive 2nd Meeting

From: VE3VCA via Steve VE3GRS

The Board and Executive of Radio Amateurs of Canada met in Toronto September 24 to 26 for the second board meeting of the newly formed corporation.

The representatives spent three intensive days covering a very lengthy agenda, laying the groundwork on many policy matters, discussing financial and legal matters, membership services, administration details, international affairs and ongoing government relations with ISC (DOC).

Reports were presented by the Regional Directors and members of the Executive to bring all the participants up-to-date on the activity across the country.

Attendees viewed two videos, one an introduction to Amateur Radio for public education, the second to assist in presentation to municipalities over tower and antenna issues.

Updates with regard to the 1994 RAC National Convention in Calgary and the 1995 International Amateur Radio Union (IARU) Region II Conference in Niagara Falls were presented. Further information on both of these events will be made available through The Canadian Amateur magazine.

The Board approved a membership dues increase to offset the rising costs of operation.

The overall team spirit of the RAC Board and Executive members, which was prevalent throughout the entire weekend, bodes well for Radio Amateurs of Canada.

LARC/Hi-Q Information

Hi-Q is published ten months of the year by the Lakehead Amateur Radio Club Inc. (LARC), an Ontario registered, non-profit corporation. The opinions/viewpoints expressed or implied in Hi-Q are those of the contributing authors; the LARC, Hi-Q or its' Editors assume no responsibility for the accuracy of information submitted. Material in Hi-Q may be copied for non-profit use by the amateur radio community provided credit is given to the author and source(s).

Contributions related to amateur radio, and in particular articles of interest to Northwestern Ontario amateurs, are encouraged. Contributions in the form of manuscripts with drawings and/or photographs are welcome, however, the preferred method of submission is electronically, either via modem or on a 3.5" disk, the disks will be returned). The preferred format is as a WordPerfect® 5.1 file; the next acceptable is as an IBM-compatible ASCII file.

Mail your articles direct to the Assistant Editor, Bill Boland, VE3BQR, at 431 McKenzie Street, Thunder Bay, ON, P7C 3L1. Files may also be submitted via modem by prearrangement at (807) 622-3686 (2400 N, 8,1) or on PACKET to VE3BQR @ VE3TKA.NON.ONT.CAN.NA.

Dated announcements should be received by the editor(s) no later than ten days prior to the first day of the month in which the notice is to appear.

As a means of reducing production and distribution expenses, Hi-Q will accept advertising at the following per-issue rates: Full page — \$60.00; ½ page — \$40.00; ¼ page — \$20.00; and ⅛ page — \$15.00. Reduced rates, of one third off, are available upon receipt of advance payment for 10 issues (i.e. one full year). Send your "camera ready art work" and cheque (payable to LARC) to the Club address below.

Advertising matter that appears in Hi-Q implies neither endorsement nor recommendation of the product or service by the LARC, Hi-Q or its' Editors.

LARC membership fees, determined annually, are set for 1993/4, as follows: Regular — \$30.00; Associate — \$20.00; Associate (attending Ham classes) — \$80.00; Student (attending school full time) — \$15.00; and Family — \$30.00, plus \$10.00 for each additional member of the family at the same address.

Hi-Q is distributed to all LARC members, except that only one copy is issued to each address.

The club call is VE3FW in honour of our founding president, Pat O'Shea. The LARC owns and operates two VHF repeaters, VE3TBR on 146.82 MHz (minus) located atop St. Joseph's Heritage, and VE3YQT on 147.06 MHz (minus) located on Mount Baldy.

The club mail address is: Lakehead Amateur Radio Club Inc., P.O. Box 2571, Thunder Bay ON P7B 5G1.

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Irkutsk Trip—Part 3 *By Pat, VE3HFS.*

The next morning we packed our packsacks for a three day trip to Lake Baikal. We travelled from Irkutsk to Slyudyanka, on the south end of Lake Baikal, by electric train. It is part of the Trans Siberian Railway system connecting Moscow to Vladivostok. The railway is electrically powered, 50 percent of the way with AC and the balance with DC. The engines and train crews operate in a 300 km zone. The engines do not leave their zone. I don't know if it still holds true, but we heard, that, in the old days if an engine went into another zone it simply failed to return.

Our train was a domestic shuttle servicing the villages on the way. A great variety of people rode the rails, including some Cossacks, a new militia that is forming in Russia. We had a three and one half hour ride on wooden seats. The knowledgeable passengers bring cushions.

Victor, UA0TO, met us on arrival in Slyudyanka where he had made hotel reservations. The hotel was two large rooms with about 12 beds each, one room for women and one room for men. We were the first foreigners to stay at the hotel. Victor had to use some persuasion convincing the owners to let us stay.

The plumbing was of the outdoor variety. I called it "the terror of Slyudyanka". It consisted of two compartments with separate doors. It had seen better days. There were no seats and creepy crawlers were the order of the day. One thing about it, you did not take too long to do your business and you certainly did not take a book to read. As you may have guessed, the outdoor facilities left something to be desired; but, the hotel room on the other hand, while spartan was certainly clean. From then on though, toilets and their cleanliness was the major criteria for judging accommodations.

When people advised us, before our trip, that we should take our own toilet paper we did not know if they were serious or not. We found out, that public facilities do not have paper available; and when you went travelling one of the first items to pack was toilet paper.

Slyudyanka is a large village and railway centre. Nearby is a granite quarry. The granite is not suitable for slabs, so it is used for making concrete and bricks. The larger buildings in the village were made of these white bricks. The villagers lived in small frame houses on small lots. We had lunch at a 20 seat cafeteria set up to serve a compound of mechanical repair shops. It was pick up your food and carry it to your table, just like North America. We had soup, salad, meatballs, fruit juice and tea along with the usual dark brown

bread. Meatballs, in Siberia, are made using a blend of meat and rice. We had a repeat of this the next day prior to catching the train to Port Baikal.

Victor took us fishing for the afternoon. We rode the train for about 15 minutes to a small village near Victor's Dacha. Here, the shore of Lake Baikal is not a sandy beach. It consist of white granite boulders. To fish from shore you employ a device which floats the line out from the beach as you walk along the rocky shore. Small wet flies were suspended from the line. The group caught four small Arctic graylings.

A thunder storm started to move in, so we went from the beach to a small cottage owned by Victor's assistant, Eugene, UA0SSV. There were about four houses joined together with families residing in each. While we waited for the storm to pass Valeri and Eugene were inside making fish soup.

Prior to leaving for Russia a fellow had told us how they make fish stew, using the complete fish and how the youngsters enjoyed the eyes. I told Jim before we left, when we had fish soup he was in charge of the eyeballs. As I looked down in my soup I found something staring back at me, needless to say when I finished my soup it was still staring at me.

When we returned to Slyudyanka we were greeted by Serge UA0SR and his son Sasha, they came down on a later train. We all returned to our hotel. The fellows had all the ingredients for supper in their packsacks and we sat down in the large bedroom to food and vodka.

The next morning, there were more than a few cloudy heads. After lunch Victor, Leonid, Serge and Jim went to see Victor's radio location. His cabin is located on top of a mountain above the quarry. You use a rope to go up the first 50 feet, and from there it is a trail which climbs at 20 to 30 degrees through the bush. Victor built the antennas, radio equipment, including linear and cabin, carrying all the materials up the mountain. He also strung a 9.6 KV line from the quarry up the mountain to supply power.

Victor, UA0TO, is a Master of International Radio Sporting and very proud of his medal which he wears on his lapel. Most of his operating was during contests. His first contest effort from the mountain was in the month of January and the cabin had not been built so he operated for 12 hours from a tent at minus 40 degrees C. He ended up with pneumonia.

Victor calls his wife a "Golden Lady" as she allowed him to spend a lot of time at radio while she kept up with things at home and at the Dacha.

We went by train, in the early evening, from Slyudyanka to Port Baikal. This was a diesel engine with a couple of freight cars and two passenger cars.

The train went each day a distance of 140 km passing through 43 tunnels on the way. The tunnels were not built through the mountains. They were built of rock and were like protective sheds built on the side of the mountain slopes.

Seats were at a premium as a group of young pioneers were on board. They, with their leaders were going camping in the park along side Lake Baikal. Jim had enough small pins with the Canadian flag on them to give one to each of the young boys and girls. These were received with a thank you in English from most of the young pioneers. Jim and I had some business cards with our name and call signs. We passed a few of these out and then the rush started with all the youngsters wanting a card, and then wanting it signed to prove they actually met us. It was a sight to behold to see Jim signing autographs like some movie star. We even have video of them going through a 73 magazine.

Youngsters in Russia have an option of learning their choice of four languages besides Russian and quite a few of them take English. Serge's son Sasha is 15 years old and is studying English. His knowledge is excellent and only needs practice to improve his grammar. Russia is a very literate country.

On arrival in Port Baikal we walked about a mile to a Dacha owned by a friend of Vasya, getting there just before dark. Port Baikal is on the Ungara river which flows out of Lake Baikal. About 100 meters from the inlet of the river Lake Baikal is 800 meters deep. The cold water rushes up from the bottom and boils down the river. Lake Baikal is the largest body of fresh water in the world by volume and is over one mile deep. We arrived in Siberia shortly after spring and when we flew into Irkutsk we could see snow on the higher mountain slopes.

The Dacha had three rooms, a bedroom, living room with fireplace which had a large oven, and a kitchen. Our hosts opened their magic packsacks and prepared a stew for our late dining pleasure. Jim and I were given the best beds in the house and I hit the sack about 12:30 a.m., Jim still won't admit what time he got to bed.

We left the Dacha about noon the next day to travel by boat across the lake to meet up with the bus taking us back to Irkutsk. On the way to Irkutsk we stopped at a wooden house museum. Some of the buildings date back to the 1700's. Replicas were built where original dwellings were not available.

On arrival in Irkutsk, Vasya, UA0SN and his wife Natasha were our hosts for the evening. The bus, from Vasya's employer returned much later to take Serge, Leonid, Valeri and myself home from Vasya's. Since Jim and I both had our Handi Talkies with us the

fellows started talking back and forth as we travelled across town. It was quite a sight to see three Russians, who had enjoyed their share of toasts, hollering into a portable, talking to a distant Russian who was not in much better shape than them. Our portables were really fascinating to the fellows and were used as communication between flats as Serge and Vasya did not have telephones. I was fortunate the battery ran out shortly after we got back to our flat, so Serge had to quit talking and I could get some sleep. I did not tell him about the extra battery until the morning.

June 13th, and our final full day in Irkutsk. We tried contacting Canada again and Jim got through to VE6GC in Olds Alberta. Skip VE3BBS and Matti VE3EEI were listening but could not get through. We only heard them marginally and we were not able to relay through the VE6. At least they knew we were still around and could pass the word to the folks at home.

We wound up our final day with a tour of Irkutsk, looking at the old log homes, churches and historical buildings. A proud city, a bit down at the heels, needing funds for road building and repairs.

Our final evening in Irkutsk was at Serge's flat with the fellows. We were presented gifts to carry back to the Lakehead Amateur Radio Club along with scrolls of appreciation to the various donors from the Thunder Bay and district who sponsored the equipment we carried with us to Russia. Our club and theirs will be agreeing to twinning and combining of projects in the future. Soon Irkutsk will be on packet and other digital modes of communication when they get the TNC up and running.

Serge and I keep bi-weekly skeds. Vasya and I communicate by e-mail, so we keep in touch and hopefully will see them again in the not too distant future, either in Canada or Russia.

We got up to a bright sunny morning and packed up to catch our flight at 10:30 a.m. We said our good byes to the fellows and checked our bags through Intourist. Even on domestic flights facilities foreigners are segregated. Our passport and visa were checked prior to boarding each flight.

Our airplane was a TU-154, a large aircraft, and in good condition. This flight was direct Irkutsk to Moscow with a flying time of 5 1/2 hours. It was a nice flying airplane and very quiet at altitude. We could only tell this when they turned off the music to make announcements. They played Russian music all through the flight at a volume that made talking difficult. I think they had only three tapes and they were repeated over and over.

Midway through the flight the stewardess came around with coffee. I asked for tea. She said "NYET",

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coffee only". They still operate on the principle of having a monopoly and in-flight service to the customer is secondary. I must say though, we did not have a late departure or arrival in Russia, and all our luggage arrived with us.

Grigori met us at the domestic airport and ferried us downtown to the Raddison Slajanskaya where we were to spend two nights. Quite a hotel, about two years old and it looked like it had been transplanted from New York. The room rates were about the same as New York, and the menu would have fit New York or Toronto.

Security was very tight, with at least one person holding a portable radio at each entrance to the hotel and each driveway. We got the impression locals were discouraged, except for the hotel staff. After our visit in Irkutsk and travelling with our friends, the hotel was so expensive and plush it was embarrassing for us.

We managed to tour Moscow, seeing Red Square and the Kremlin, along with visiting the Central Radio Club. The chapels inside the Kremlin were extremely interesting, especially the one built by Ivan the Terrible. It was two chapels, one built inside the other. Only Ivan the Terrible and the bishop were allowed in the smaller chapel. The surrounding chapel had a balcony inside facing the small chapel. This balcony was only area his family was allowed in. The icons (paintings on wood) decorating the altars of the chapels were well preserved. I don't think you could put a value on them, they would be priceless.

We were trying to locate a radio amateur who lived in Moscow. We had his name but no phone number. We tried to locate him through the telephone service and found out they do not release phone book listing over the phone to city customers. We finally located him through the radio club and talked to him on our last evening.

Next time we hope to spend a week in Moscow and have him arrange more appropriate accommodations.

Our departure was through the international airport and the departure area was much different from the arrival area. There are sufficient people to process the passengers in reasonable time. The area had recently been renovated and when we checked through security we found a brightly lit area with duty free shops. To prove how much different it was, there was toilet paper in the washrooms.

Jim and I started out with a lot of misconceptions about Russia. We expected to find a dour serious people struggling to find their next meal. Instead we found people who are going through a change, inflation is driving up prices, the country is not too stable, and

the political situation is still tenuous, but the people we were with did not want to go back to what it was. They have hopes for the future. They are fun to be with, are excellent hosts and have a good sense of humour. They like to say "everything is fine, but there is one small problem".

When Jim and I started out we wondered why we were going. After being there, we were sorry others did not make the trip. They missed a great adventure. We wished we had booked more days in Irkutsk, but now, looking back, maybe it was enough for our first trip...

Epilogue

Our adventure started back in April of 1992. We got involved in communications for the LAKE SUPERIOR-BAIKAL CONNECT project which was a group of kayakers from Russia, United States and Canada who made a voyage around Lake Baikal in 1991 to promote the environment, and were going to do the same around Lake Superior in 1992.

Communications through the mails were extremely slow, faxes were virtually impossible, and phone calls were expensive. Bob, VE3JAB, was asked to locate an amateur radio station in the city of Irkutsk. He located Serge, UA0SR, and initiated contact. When Bob had to go out of town I took over the traffic and continued weekly skeds with Serge. The LAKE SUPERIOR-BAIKAL CONNECT was brought to a successful conclusion, we like to think with some of our help. Communications with Serge continued as other projects were envisioned.

One day at lunch with a group of amateurs we were talking about our communications to Irkutsk. Terry VE3TKA suggested the Lakehead Amateur Radio Club twin with the Irkutsk Radio Club. It was also suggested that some new radio gear would be helpful to the HAMS in Irkutsk. Jim and I jokingly said we would be happy to deliver it. One thing lead to another and when we mentioned to Serge, UA0SR, we would like to visit with them in Irkutsk he very generously issued us a welcome invitation. We then started to arrange details and raise funds, a formal invitation was received, flights were scheduled, two transceivers, a laptop computer and PK232 were purchased, visas were arranged and our adventure got underway.

Since we returned from Russia our club has started to formalize the twinning. The two clubs are working on setting up a lakes award to be issued jointly. We hope to have this set up for early in the new year.

When we left Russia we stopped off in England and Scotland. We gave a talk to the Norfolk Amateur Radio Club and they have offered their assistance in

any future project with our friends in Irkutsk. Jim and I will be proposing to the Lakehead Amateur Radio Club a twinning with the Norfolk Amateur Radio Club. Our international affiliations are growing.

We continue to have bi-weekly radio skeds with Irkutsk. Even with the cycle declining we have missed very few skeds, with signals going 59 plus on some occasions. Our skeds are on 14,141.0 Mhz every second Sunday and at the time of writing our next sked is October 31 at 10:00 PM EDT (0200Z November 1). Join in with us and say hello. Vasili and I exchange e-mail through Internet. I have sent an e-mail message to Vasili and received a reply within 12 hours, the usual turn around is 2 days.

I-500 Snowmobile Race

No, I don't have any inside knowledge of an early freeze or anything of that sort.. This is just an advance notice.

We received word via Mark, VE3VUK that the 1994 I-500 will start in Thunder Bay on Sunday January 23rd. The organizers hope that the earlier date this year, will ensure there will be snow at the finish.

The Sunday start should also enable LARC to provide more communicators and make our involvement a little easier. Skip, VE3BBS estimates we will require about twenty amateurs with HF privileges. It's still a long way off but if possible, try to keep the day free so you can assist by providing radio communications for the event.



New Repeater

From Willie W8YNY via Bryan WB8WKN as reported in The Landline Oct 93, newsletter of the CCRAA Inc., Dollar Bay Michigan.

The N8OYA repeater has been activated on 147.17 MHz. (negative split) by the Iron Range Amateur Radio Club. The site is four miles east of Iron River on the Bates Tower Hill. The antenna is up about 240 feet and the transmitter runs 25 watts. All are welcome to use the facility and also to check into a weekly informal net at 6:30 CDST.

CCRAA did not tell us what day the net was held. Iron River is on Hi-way 2, about 82 miles east of Ironwood Michigan. Ed.

Support RAC or face a dim future

From: Cam Inglis VE3UXN via VE3VCA.
RAC's President Farrell Hopwood VE7RD, told amateurs attending Saskatchewan Hamfest 93 that Canadian radio

amateurs must support RAC or face a dim future over antenna towers, EMC matters, frequency spectrum grabs and lack of regulations enforcement. He went on to emphasize the importance of recruiting more members to provide the political and economic clout RAC needs to effectively represent amateurs to DOC and to local authorities. Canada has close to 40,000 amateurs.

"ARRL runs on 12 million dollars annually with 187,000 members. RAC will run on \$350,000 (estimate) and 8,500 members. There is no way RAC can meet the expectations of Canadians and do the things it must do if only 20% of our people support RAC. The funding is just not there!" Hopwood told a record number of VE5's attending the festivities in Regina, July 30-August 1, 1993, "there are no free rides." He went on to say, "either RAC gets the membership support it deserves or Canadian hams are unlikely to ever seriously influence the outcome of the crucial issues rising up before them."

DOC's (now ISC's. ed.)

"Unbelievable" Antenna Issue.

By George W. Sansom VE3GWS, TCA Editor-In-Chief, from the September 1993 Editorial Page.

Operating under an illegal municipal by-law, Clair N.B. officials told Alban Bellefleur VE1AGA in June 1992 he could not have an antenna structure over 13 feet. Alban has followed DOC's directive and consulted with municipal authorities informing them of his plans and intention. However, he could not get St. John DOC to set the municipality straight on federal jurisdiction over free-standing antenna height. It took extraordinary effort by RAC to get it resolved.

Clair N.B. officials insisted they control antenna structures and kept refusing to allow Alban to complete his tower construction. Unbelievably, DOC St. John recommended Alban submit to a municipal request for a 'variance' to the illegal by-law. Alban refused, reminding DOC the by-law was "ultra-vires" and therefore not valid. DOC did not proceed further. Alban had to wait and wait while DOC debated the issue. In frustration, it took a year for members of RAC's national executive, working on Alban's behalf, to have Ottawa DOC influence the New Brunswick official to back away from accepting the illegal action and to attest to the primacy of the Minister over antenna matters. This fact was finally relayed to the Clair N.B. officials through a copy of a letter from DOC St. John to Alban in May 1993. It took a whole year of letters, faxes, phone calls and finally a direct request for help to DOC Deputy Minister Marc Rochon in Ottawa to get some action. We understand VE1AGA is completing his antenna installation. As far as we know, the municipality (and DOC) continues to allow the illegal by-law to continue uncorrected.



HUNTER MEMORIAL 2M VHF CONTEST

IN MEMORY OF VE3BGA BARRY HUNTER

To perpetuate the memory of Barry Hunter, VE3BGA, who passed away 15 September 1993, the LAKEHEAD AMATEUR RADIO CLUB INC will sponsor a 2 meter VHF SSB/FM contest during the month of December from 0000 01 December 1993 to 2359 31 December 1993 UTC.

Contacts may be made on either 2 Meter FM either simplex or via repeaters and 2 Meter SSB. Contacts must be logged and show the following information: Call Sign of the station worked; Frequency utilized; mode of operation; power output; RS(T) report; name of operator worked; QTH of station worked; Call Sign of Repeater used in the case of FM; and Grid Square of the station worked in the case of SSB. All contacts must be made on the 2 Meter band (no cross band operation).

The entrant must be a member in good standing of the Lakehead Amateur Radio Club as of 01 December 1993. You must use your own station and in the case of FM operation through repeaters contacts must originate no further than 25 miles from the address shown on your license issued by the Department of Communications. Stations worked need not be members of the LARC. Packet QSO's on simplex may be worked but WITHOUT the aid of a digi. i.e. direct contact only. Logs must be completed and handed to Skip VE3BBS no later than 15 January 1994. Trophies will be awarded for top scorers in the SSB category and the FM repeater/simplex modes at the Annual Dinner of LARC during the month of February.

Scoring for SSB contacts will be as follows: Each SSB contact is worth 5 points. Contacts with members of the LARC Executive are worth 50 points each. Multipliers are each individual Grid Square.

Scoring in the FM/Repeater/Simplex category is: each contact through repeaters owned and operated by the LARC i.e. VE3YQT or VE3TBR are worth 5 points each. Other repeaters outside Thunder Bay i.e. across the Lake, Grand Marais etc., are worth 10 points each. Simplex contacts are worth 10 points each. Stations can only be worked on 1 mode i.e. either on the repeaters or simplex but not both. Contacts with members of the LARC Executive are worth 25 points each. Multipliers will be each individual Province or State.

Scoring sheets and logs will be available from VE3BBS Skip at the November meeting or at any Blue Parrot Breakfast up to 01 December 1993.

Any questions regarding the contest may be directed to VE3BBS on 2M or on the twisted pair at home 767 2307 in the evenings.

**Minutes of a meeting of the Lakehead Amateur Radio Club
held in room 245 at Confederation College
Thunder Bay, Ontario on October 14, 1993**

The meeting was called to order at 7:30 pm with 34 members and guests in attendance.

All Amateurs and guests in attendance introduced themselves.

Minutes of the previous meeting:

The minutes of the previous meeting held September 9, 1993 were published in detail in the October issue of HI-Q and mailed to all members. No questions, additions or deletions were noted.

Motion: moved by VE3RVA, Bob Hansen and seconded by VE3ZG, Mike Nawrocki that the minutes be accepted as printed.

..... Carried.

Treasurer's Report:

Skip Wright, VE3BBS reported the annual 1993-94 financial statement as of September 30/93 which is as follows:

| | |
|---|----------|
| Balance forward from 09 September 1993 | \$542.02 |
|---|----------|

| | |
|--------|------------|
| Income | \$4,018.00 |
|--------|------------|

| | |
|----------|------------|
| Expenses | \$1,031.84 |
|----------|------------|

| | |
|---------------------------|------------|
| 30 September 1993 Balance | \$3,510.18 |
|---------------------------|------------|

Motion: moved by VE3KRH, Steve Robb and seconded by VE3GTX, John Watson that the Treasurer's report be accepted.

..... Carried.

In memory of VE3BGA, Barry Hunter, who became a silent key on September 15, 1993, the members and guests in attendance observed a moment of silence.

60th Anniversary Report:

VE3EFC, Bill Unger reported that the 60th Anniversary Committee is looking at the possibility of holding events such as a dinner-dance and a boat cruise on the long weekend at the beginning of August, 1994. Ideas on guest speakers are being considered. If you have any ideas, let Bill know. We will be getting a special call for a 2 week period in recognition of the 60th anniversary. Coffee mugs with a 60th anniversary crest on them have been ordered.

New Business:

Radio Amateurs of Canada (RAC): Bob Bishop

reported that he had just recently returned from the second board meeting of RAC. He gave a brief account of what had transpired.

I-500 Snowmobile Race: VE3BBS, Skip Wright announced that the 1994 I-500 Snowmobile Race will be held January 23rd, 24th and 25th, 1994. The start will be in Thunder Bay, Sunday January 23rd and the Lakehead Amateur Radio Club will be responsible for radio communications the first day from Thunder Bay to Grand Marais. He will be looking for approximately 20 operators for the 23rd. If you can help out, give Skip a call.

Photographs of VE3BGA: Denise Hunter is looking for photographs of Barry involved in amateur radio. If you have any pictures, contact VE3BBS, Skip Wright. Also, a letter was read from Denise Hunter regarding the donations made to the Lakehead Amateur Radio Club in memory of her husband.

Motion: moved by VE3BBS, Skip Wright and seconded by VE3IDJ, Bob Mitchell that the Lakehead Amateur Radio Club establish two trophies in VE3BGA's memory for 2M SSB and FM operation in a contest with a scoring point system to make it fair to all operators. This contest to run from December 1st to December 31st each year with the trophies to be presented at the annual dinner. Carried.

Antenna Season: true to tradition, VE3AJ, Bill Klemacki declared antenna season officially open as there had been sufficient snow on the ground for at least 24 hours.

Paid-up members: VE3BBS, Skip Wright announced that as of October 14/93, there were 106 paid-up members in the club. October 31st is the deadline for club dues.

Interference: VE3JAB, Bob Bishop reported on what the Radio Amateurs of Canada (RAC) was doing regarding the problems of electromagnetic compatibility between amateur radio equipment and other RF sensitive equipment.

Motion: moved by VE3EFC, Bill Unger and seconded by VE3RVA, Bob Hansen that the meeting be adjourned. ... Carried.

1993

November

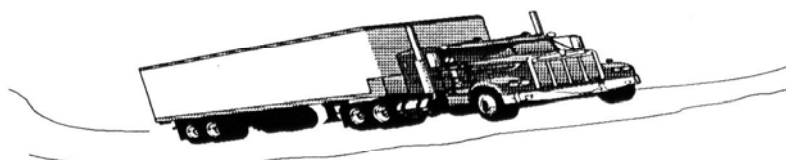
1993

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|---|---|-----------------------------|------------------------------------|--------|---|
| | 1 7:00 p.m. 2M Mini Net Swap'n'Shop VE3YQT | 2 7:00 p.m. Ham Class West Coast Qualifying Run | 3 7:00 p.m. CW Class | 4 | 5 | 6* ARRL CW Sweepstakes RAC QST QSO Sprint |
| 7- ARRL CW Sweepstakes ARRL Intrnl. EME Compitr. # | 8 7:00 p.m. 2M Mini Net Swap'n'Shop VE3YQT | 9 7:00 p.m. Ham Class | 10 7:00 p.m. CW Class | 11 7:30 p.m. LARC Meeting | 12 | 13 Eur. DX Cntst. Wkd. All Euro. RTTY Cntst. OK DX Cntst. |
| 14 Wkd. All Euro. RTTY Cntst. OK DX Cntst. | 15 7:00 p.m. 2M Mini Net Swap'n'Shop VE3YQT | 16 7:00 p.m. Ham Class | 17 7:00 p.m. CW Class | 18 | 19 | 20 ARRL SSB Sweepstakes |
| 21 ARRL SSB Sweepstakes Ukrainian DX Contest | 22 7:00 p.m. 2M Mini Net Swap'n'Shop VE3YQT | 23 7:00 p.m. Ham Class | 24 7:00 p.m. CW Class | 25 | 26 | 27 CQ WW DX CW Contest W1AW Qualifying Run |
| 28 CQ WW DX CW Contest W1AW Qualifying Run | 29 7:00 p.m. 2M Mini Net Swap'n'Shop VE3YQT | 30 7:00 p.m. Ham Class | | | | * NOTE 6 th & 7 th ARRL EME runs 48 hrs. UTC |

TUESDAY NIGHT HAM CLASSES ARE
HELD IN THE ELECTRONICS LAB. ROOM 109,
AT SIR WINSTON CURCHILL HIGH SCHOOL
130 CHURCHILL DRIVE.

WEDNESDAY NIGHT CODE CLASSES ARE
HELD IN NORM, VE3XRC'S SHACK
AT 217 UNIVERSITY DRIVE.

Moving?



Don't forget your Hi-Q!

Send your "address change notice" to:
LARC—Hi-Q
P.O. Box 2571
Thunder Bay ON P7B 5G1